



Appendix

Claims Upon Entry of Preliminary Amendment

Claims 1-5 and 13-16 were cancelled.

6. (Amended) A method for making a cell-matrix construct comprising
implanting into an animal at a first site a fibrous matrix having sufficient interstitial
spacing between fibers to allow tissue ingrowth after implantation of the matrix, wherein the
matrix is formed of a biocompatible, biodegradable [synthetic] polymer,
removing the implanted matrix after a period of time sufficient to allow ingrowth of
fibrous tissue or blood vessels into the matrix, and
implanting into an animal or human the matrix at a second site where the resulting cell-
construct is needed.
7. The method of claim 6 further comprising seeding the matrix with dissociated
parenchymal or connective tissue cells.
8. The method of claim 7 wherein the matrix is seeded after removal of the matrix
having ingrown tissue or blood vessels.
9. The method of claim 7 wherein the matrix is seeded prior to implantation of the
fibrous matrix at the first site.
10. The method of claim 6 wherein the cell-matrix construct is implanted to form a
valve.
11. The method of claim 10 wherein the valve is a heart valve.
12. The method of claim 6 wherein the cell-matrix construct is seeded with
endothelial cells and implanted to form a blood vessel.